

WORKSHOP TUTOR

Hervé Vaudrey is the European Manager of Chilworth Global. He joined Chilworth France in 2004 as a Process Safety Consultant. Hervé has worked for both Rhone-Poulenc and Rhodia for 9 years undertaking risk analysis (Hazop, Lopa, dust explosion assessments), audits, accident expertise, training and process safety laboratory management. He belonged to several working groups in the field of Electrostatics. His main areas of expertise are dust explosion and electrostatics hazards, chemical reaction hazards and risk analysis. He is an experienced lecturer in a wide range of process safety subjects.

Cost per person is € 650

(includes lunch, coffee & tea breaks)

Group Discount

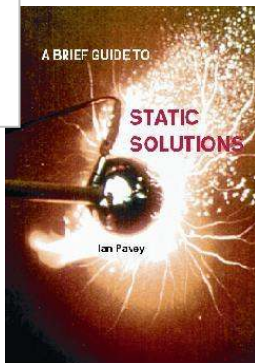
a **5% discount** applies for **4 or more** persons booking from the same organization.

Early Bird Discount receive a further **5%** discount on all bookings received by:

5th February 2010

**Book
Early**

**FREE STATIC
SOLUTIONS
BOOKLET FOR
EACH DELEGATE**



RESERVE YOUR PLACE TODAY BY:

Emailing your booking form below to:
tbramall@chilworth.nl

Or by faxing it to: **0044 23 8076 7866**

Once we have received and confirmed your place by email, please send a printed copy of your registration form with payment, or official company purchase order, made payable to 'Chilworth Technology Limited' to:

**Tracy Bramall, Chilworth Global,
Southampton Science Park, Southampton.
United Kingdom. SO16 7NS.**

REGISTRATION FORM

I would like to reserve a place for the training on 24th February 2010
Unfortunately, I cannot attend on this occasion but would like to have a non-committal conversation with a Chilworth process safety specialist.....

Dr/Mr/Mrs/Ms/Miss:

Name:

Job Title:

Company Name:

Address:

.....

.....

Postcode:

Country:

Telephone Number:

Mobile Number:.....

Fax:

Email:

.....

Signature:

Date:



Chilworth
GLOBAL

ELECTROSTATIC HAZARDS ASSESSMENT AND CONTROL OF IGNITION RISKS



A professional training event run by the
Experts in Process Safety
Chilworth Global

Wednesday 24th February 2010
at Van De Valk Hotel, Beveren
Belgium

UNDERSTANDING THE RISKS OF ELECTROSTATIC

During any movement of matter (solid, liquid, powder) there is generation of electric charges or frictional induction. An accumulation of electric charge can then give rise to different types of ignition. It is therefore vital to fully understand these phenomena in order to establish adequate preventative measures.

This course is designed to equip those in technical, engineering and safety roles with a sounder understanding in electrostatic identification, measurement and reduction / elimination. Presented by an expert in the field of electrostatics, printed course notes will be provided with opportunities to interact with course leaders and colleagues attending the course. A course attendance certificate will also be issued to each delegate.

THE COURSE OBJECTIVES ARE:

- To provide a tool for leadership and technical personnel to better understand electrostatic phenomena and their impact.
- To be able to judge critically the risk of ignition by static discharge and therefore introduce measures for appropriate explosion prevention.
- Learn how to identify how static generates and accumulates and prevent various types of discharge
- How to properly take into account electrostatic in your ATEX risk analysis.
- Appreciate the latest, best practice in static management and mitigation.

WHO SHOULD ATTEND?

All Health and Safety personnel, Engineering staff
Plant/Operations personnel & Managers.

PROGRAMME

09:00 Welcome and Introduction

Introduction: Static as a source of ignition in explosive atmospheres

Flammability: Dust, gases and vapours and minimum ignition energy

Tea/Coffee

Electrostatic Discharges:

- Generation, accumulation and mechanisms of discharge

Lunch

Prevention of Electrostatic Discharges:

- When handling liquids or solids
- Dangerous operations : mixing, sampling, pneumatic transport, powders unloading
- Rules for earthing and grounding.

Tea/Coffee

Incidents Case Studies / Videos:

- Explosion during a drum filling operation
- Explosion during sieving operation
- Flash during a cleaning operation

Discussion / Questions

17:00 Close

Cancellation / Non-Attendance: when notified to us before 16th February - a full refund will be issued less a €50 admin fee. After 16th February – no refund given.

Chilworth Technology reserves the right to modify or cancel the course up to 5 working days before its commencement.

HANDOUTS

Training & course handouts will be given in English.

The course starts at 09:00 and finishes at 17:00.

LOCATION

The training will be held at:
Van der Valk Hotel Beveren
Gentseweg 280
9120 Beveren,
België

T +32 (0)3 7758623

> Details / directions – www.hotelbeveren.be



We are a worldwide organization specializing in process safety. One of the elements we support is electrostatic risk and work daily with many organizations to perform static analysis and assessments to create a safe, satisfactory solution. We operate in 16 countries with inhouse laboratories in the USA and the UK. We also manufacture our own range of electrostatic measurement equipment under the **JCI Chilworth** brand. Please click on the links above for details.

Fax your registration form to
0044 23 8076 7866

